

Special Issue

Nano/Micro-Assisted Regenerative Medicine

Message from the Guest Editor

The basic concept of “Nano/Micro-Assisted Regenerative Medicine” is to use engineered nanostructures, alone or in combination with specific cells, such as stem cells, to replace, augment or regenerate human tissues/organs to make them functional. The rise of advanced nanotechnology provided breakthrough in this field, as it opened wide applications in tissue engineering, and imaging areas, addressing various limitations in the field. Thus, concepts and discoveries from the nano/micro- bio research provide exciting opportunities in using cells for regeneration of tissues and organs. The Special Issue will focus on recent advances of stem- and tissue-cell engineering/drug delivery/imaging fields. New nanomaterials, animal models, and clinical trials for various diseases are highly appreciated. In addition, the combination of nano and micro technology for vision restoration, skin and bone regeneration and understanding their clinical outcomes are also welcome.

Guest Editor

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